

Primula cusickiana* var. *nevadensis (N. Holmgren)**NEVADA PRIMROSE****FAMILY:** *Primulaceae*, the primrose family.**SYNONYMS:** *Primula nevadensis***STATUS:****Heritage Program SENSITIVE LIST, ranks: G4 T2 S2****USFWS/ESA:** species of concern. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** Humboldt-Toiyabe NF Sensitive Species. **NNPS:** watch list.**POPULATION CENSUS:** **6 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **10 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals unknown**, total estimated **area unknown**. **TREND:** unknown.**IMPACTS AND MAJOR THREATS:** The biggest threat is collection for horticultural purposes, although it has not been successfully cultivated. This is considered unlikely due to the remote locations.**INVENTORY EFFORT:** Not yet systematically surveyed. Most recent entered survey 1994, average year of last survey 1975. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 10%; **11-20 yrs:** 30%; **21-30 yrs:** 30%; **31-50 yrs:** 20%; **51+ yrs or unknown:** 10%.**LAND MANAGEMENT** in decreasing predominance: National Park Service, designated wilderness, Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management (?), private lands (?).**RANGE:** Nye and White Pine counties, Nevada. **Nevada endemic.** Maximum **range dimension 127.7 km (79.3 mi)** excluding most disjunct record. **Type specimen** collected in White pine County.**ELEVATIONS RECORDED:** 10200-11590 feet (3109-3533 meters).**HABITAT:** Dry to moist, often sheltered carbonate cliffs, crevices, scree, and gravelly soils or soil pockets on gentle to vertical slopes, often on north to east aspects or in leeward snow-accumulation areas, sometimes in litter of bristlecone pines or in meadow or riparian areas, in the subalpine conifer and lower alpine zones.**PHENOLOGY:** flowering summer. Range of most frequent **survey months:** June-August.**LIFE-FORM AND HABIT:** small perennial herb.**DESCRIPTION:** A perennial herb with erect basal leaves, 5-10 cm long. Flowering stalks are shorter than the leaves and bear up to 8 violet flowers with yellow throats. Blooms in July and August.**PHOTOGRAPHS:** Anderson et al. (1991); Nevada Natural Heritage Program images web page (1998-present) and slide collection (1986-present).**ILLUSTRATIONS:** Anderson et al. (1991), Mozingo and Williams (1980).**SPECIFIC REFERENCES:**

- Goodrich, S. 1979. Status report on *Primula nevadensis*. Portland, Oregon: U. S. Fish and Wildlife Service.
Halda, J. J. 1992. The genus *Primula*: in cultivation and the wild. Denver, Colorado: Tethys Books.
Holmgren, N. H. 1967. A new species of primrose from Nevada. *Madroño* 19: 27-29.
Holmgren, N. H. and S. Kelso. 2001. *Primula cusickiana* (Primulaceae) and its varieties. *Brittonia* 53: 154-156.
Richards, A. J. 1993. *Primula*. Portland, Oregon: Timber Press.

OF FURTHER INTEREST: Holmgren and Kelso (2001) recognize this taxon as a variety of *Primula cusickiana*, confirming an earlier opinion (Richards 1993) at the subspecific level.